DVD VCD CD MP3 JPG support MPEG4 format

AUTOMOBILE HEADREST DVD PLAYER

USER'S MANUAL

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A. Precautions

Thank you to buy our product, please read the operation instruction carefully prior to operation so as to use the player correctly, and please keep it appropriately for future reference.

Warning

- For the sake of your safety, do not watch the video image or open the display in driving.
- Without the approval of authorized organization, any changing or rebuilding for the player shall cause troubles for user.

Caution

- The product has dangerous high voltage inside,non-professional personnel shall be not allowed to dismantle it and repair.If any trouble is found,please turn to the professional personnel or our authorized maintenance center.
- The player is equipped with TFT color LCD,it is frangible,to be careful in delivering and installing.
- Do not clean the device by corrosive chemical detergent, soft cloth is recommended.
- The operating voltage is DC 12V(+-2V),the player shall be worked abnormally or be damaged if the voltage higher or lower than the allowed range.
- The player is equipped with radium emitting system,please read the instructions carefully for right operation and keep it well for future reference.If maintenance is needed, please contact the professionals,do remember to operate it according the correct operating procedure to avoid the harmful light beam,in order to prevent the direct radium light beam,do not open the enclosure without permission.

Special Tips

- In using ,the LCD might has few bright spot on its screen,which is a very normal phenomenon in the active matrix display technology,and it doesn't mean the product has any fault or trouble.

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B. Notice before operation

Safety

- Before operating the product,please check the voltage of your car and it should be consistent with the working voltage of the player.
- Do grasp the powerplug firmly in connecting or disconnecting to the power,do not pull the power line by force.
- The radium emitting light beam used by the product is harmful to eyes,do not dismantle the enclosure without permission and only the professional technicians are allowed to conduct the repair or maintenance.

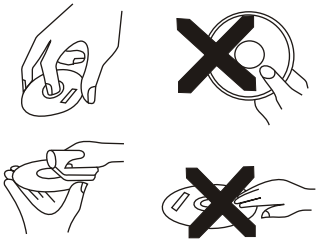
Placement

- Please operate the product in proper temperature,the storage temperature should be -30 C to 75 C, and the working temperature should be -10 C to 55 C.
- To prevent dust falling on the laser head,it shall affect the playing effect,if the head is dusted,please used the laser head cleaning disk to clean.Refer to the instructions of purchased cleaning dish for detailed operation.
- It should be damp-proof,crash-poof and pressure-proof.

Dew

In the below conditions,moisture shall be formed on the lens(dew formation):

- Carry the player from the cold place to warm place;
- In the condition of big temperature difference such as at the moment of opening the heating device;
- If the dew is formed,it shall affect the normal work of the player,and please remove out the disk,lay the player on table for one hour under the condition of connecting to power so as to vapor the moisrure.

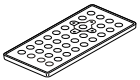
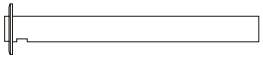


Precautions for disk

- In order to keep the disk clean,please take the edge of disk and do not touch its surface;
- Do not adhibit any paster or tape on the disk;
- Keep the disk away from direct sunshine or heat source;
- Please place the disk in the disk box after being used;
- Before playing the disk,if the disk is dirted,please clean it with soft cloth from the center to out;
- Do not use voatile oil and thinner to clean the disk.

C. Accessories

Please check the following accessories after opening the package.

Remote controller	USER'S MANUAL	Antenna ties
		
Power connection line	**Audio connection line**	**Hardware accessories**
	 According your requirmant	
USB connection line	**Game handles**	**Game disk**
 Note: it is equipped on these Players having USB function	 Note: it is equipped on these Players having game function	 Note: it is equipped on these Players having game function

D. Feature

- Easy to install and it will not damage the car and the user might install it by himself;
- No additional player is needed for the integration of display and player;
- With built-in FM stereo emitting function,it could be connected by wirelessly with the original car FM radio part and enjoy the sound box effect through the loudspeaker of radio;
- The input ports of audio and video are provided for the connection with GPS navigation system;
- Audio and video output function and they are installed at the two side of car by pair to support the synchronous eyjoyment of video image;
- With USB and card reading function,the user might use USB disk or SD/MS/MMC card to download MP3/MP4/WMA to play through PC.

E. Video disk type

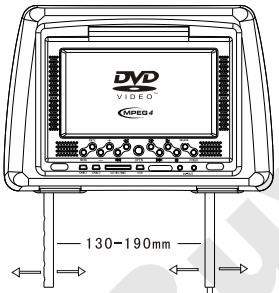
TYPE	DISK SYMBOL	RECORD FORMAT	HORIZONTAL DEFINITION	RECORD CONTENT	DISK SIZE
DVD	DVD VIDEO	MPEG2	>500 LINES	Audio+Video	12cm/8cm
VCD	VIDEO CD / COMPACT DISC DIGITAL VIDEO	MPEG1	>240 LINES	Audio+Video	12cm/8cm
CD	COMPACT DISC DIGITAL AUDIO	Digital	——	Audio	12cm/8cm
Mp3	MP3 CD-RW	Digital	——	Audio	12cm/8cm
Mp4	MPEG4	MPEG4	>240 LINES	Audio+Video	12cm/8cm
WMA	WMA	Digital	——	Audio	12cm/8cm
JPEG	JPG Kodak PICTURE CD COMPATIBLE	——	>500 LINES	Picture	12cm/8cm

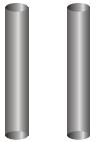
F. System connection and installation

Check whether the shape and installation size is suitable,please select and employ suitable accessories and tool in disassembling and assembling.

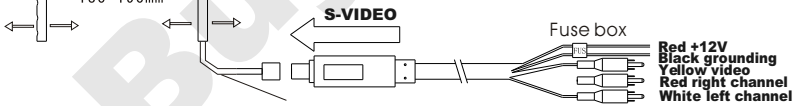
The install method:

Takes down the original installation head rest, to select and match the steel pipe according to the original installation pole diameter for the head rest that having the DVD monitor,then the adjustment head rest steel pipe spacing, passed the power source and the audio frequency lines through the chair steel pipe, and connected on the power source, the sound and video frequency system with the vehicle. simultaneously the head rest will be fixed, and will freely to adjust the height, around size based on the front seat personnel request.





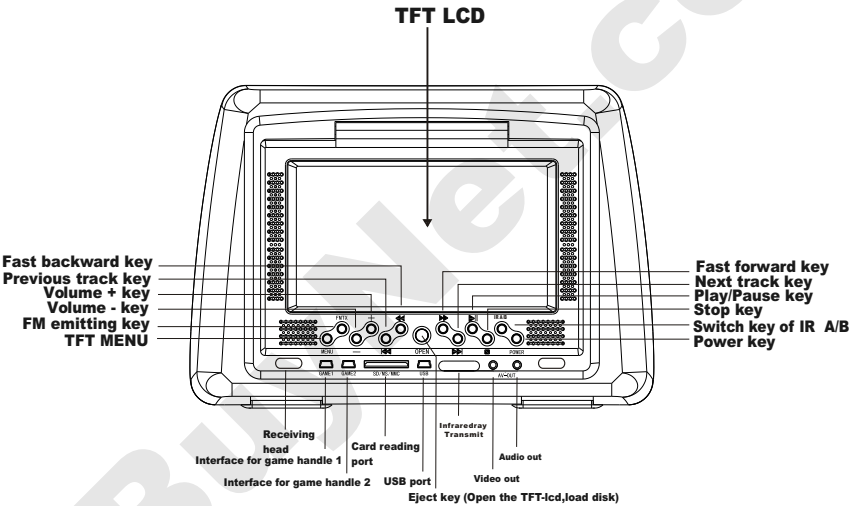
The spare steel pipe



The Antenna (connection the main engine radio antenna with the automobile, enhancement the effects of the frequency modulation launches)

Note: the shape and installation size are not suitable for all cars, please select the suitable shape and installation size.

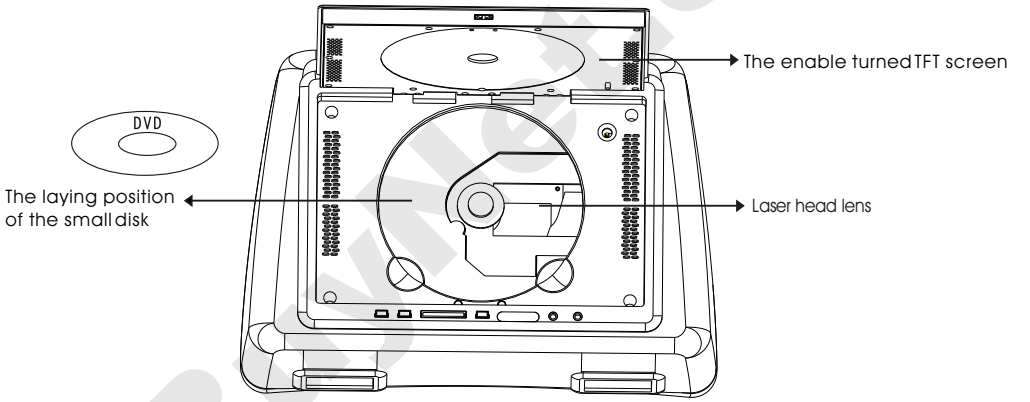
G. Key parts in front of the player



the note 1: Directly pressed to the volume up\down key, may make the adjustment to the volume, pressed to the[MENU] single bond, may to convert the many kinds of patterns on brightness, the contrast gradient to the display monitor, colored, the clarity and so on, and may make the function adjustment by the volume addition and subtraction key also.

the note 2: The two games handles connection, and USB, SD/MS/MMC card connections on the kneading board is the reserves connection, our partial machines possibly do not have these connections.

H. Key parts at the player



notice: Please carefully turns on the display monitor when vehicles start, please to close the display monitor after puts well the small dish as soon as possible, in order to avoid damages to the display monitor.

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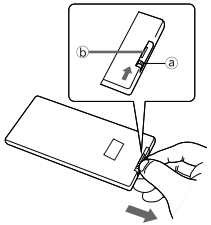
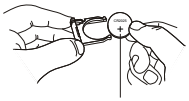
I. Battery installation of remote controller

1 Take the positions A and B by fingers (see the figure), press A per the arrowhead direction and then take out the battery holder.

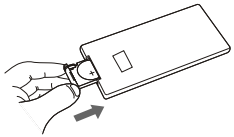


2 Take out the used battery and load the new battery with anode upwards.



Battery (Cr2025)

3 Place the battery holder back to its original position



Cautions:

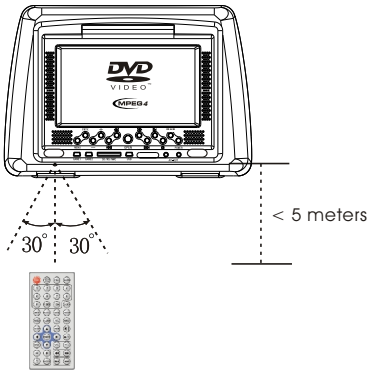
In order to prevent the battery leakage, if the remote controller shall be not used for long time (longer than one month), please take out the battery, if there is liquid flowing out, wipe away carefully and then reload the new battery.

J. Precautions for remote controller

- For the first use, please first pull off the PVC sheet so as to electrify the remote controller;
- Take notice to protect the remote controller to avoid damaging;
- If there exists barrier between the player and the controller, the remote controller might be out of use;
- Do not place the remote controller under the strong light, or it might cause the unavailability of the device;
- Please operate the remote controller in the effective distance.

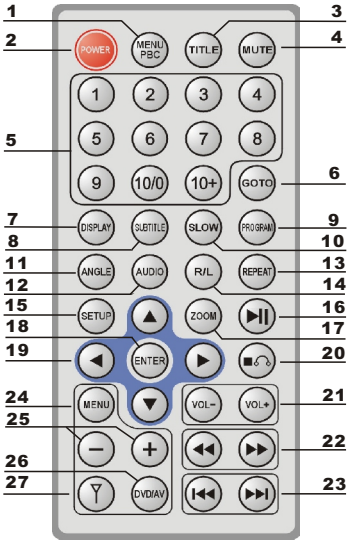
K. Application of remote controller

Application of remote controller:
1.Horizontal: 30
2.vertical: 30
3.Straight line: 5 meters



Caution:
The most functions could be operated by the remote controller and few functions only could be operated on the player.

L. Description for the pressing-keys of remote controller



Key	Function
1. Root menu/PBC	Press the key to return to the root menu in playing DVD disk, and open/close the PBC menu in playing VCD2.0 and SVCD.
2. Power	Power ON/OFF
3. Title menu	Press the key to return to the title menu in playing DVD disk.
4. Mute	Open/close the sound
5. Number key	Number selection
6. GOTO	Select desired time to play
7. Display	Display the disk information and playing time
8. Subtitle	Subtitle switching, used for SVCD, DVD and Mp4 disks with multiple subtitles only
9. Program	Track programming play
10. Slow	Slow play
11. Angle	Angle switching key, used for SVCD, DVD and MP4 disks with multiple angles only
12. Language	Language switching key, used for SVCD, DVD and Mp4 disks with multiple languages only
13. Repeat	Multiple modes of repeat play shall be available
14. Channel (R/L)	Channel switching key
15. Setup	Open/close DVD setup menu
16. Play/Pause	Play or pause
17. Zoom	Zoom in/out, multiple modes
18. Enter	Confirmation
19. Direction key	Direction selecting key
20. Stop/Return	Stop key, press the key to return in playing
21. Vol+/-	Adjust the volume
22. Fast forward/ backward Play	fast forward or backward
23. Previous/Next	Select the previous or next track
24. Menu	Switching the menus of LCD brightness, contrast, definition, color and tint
25. Menu+/-	Used with menu key to adjust the brightness, contrast, definition, color and tint.
26. Video switch key	Switching DVD and AV input
27. FM key	FM emitting key

M. Basic operations

The player may be used after being connected to the system.

1. Power ON/OFF

(1) Press the panel or the Power key at the top left angle of the remote controller, the power indicator shall be turned off and the boot image shall be displayed, the player will read the disk, if no disk inside, the LCD shall tell No Disk.

(2) In Power ON state, further press Power key to power off the player and the indicator shall be turned on.

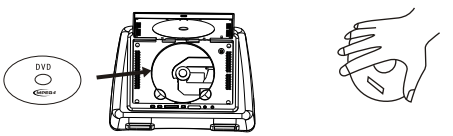
2. Load disk

(1)Press Eject key to open the disk door;

(2)Load the disk (with the label side upwards).

(3)Close the disk door.

(4)The player shall play the disk automatically.



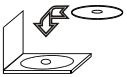
3. Remove disk

(1)Press Stop key to stop playing;

(2)Press Eject key to eject the door;

(3)Take out the disk;

(4)Put the disk back to the package bag or box for storage.



Caution:

- Be careful to take the disk, wrong operation shall damage the player;
- Do not damage the disk, or the player shall be damaged;
- Please keep the side with label upward if it's a single-side disk;
- Be careful in playing two-side DVD disk for the two sides of the disk are available for playing;
- Do not scratch the surface in taking the disk.

4. USB and card reading

(1)The external USB memorizer (USB disk) might be connected by the attached USB connection line. In the state of Power OFF and no disk is loaded inside, connect the external memorizer to the corresponding USB port, and then press Power key to power on the player, the device shall detect the signal source automatically (including video, audio and image), and the player shall play automatically if the signal source format that complies with the player, is detected.

(2)In the state of Power OFF and no disk is loaded inside, connect the external memorizing card (MS/SD/MMC card) to the corresponding port, and then press Power key to power on the player, the device shall detect the signal source automatically (including video, audio and image), and the player shall play in order automatically if the signal source format that complies with the player, is detected.

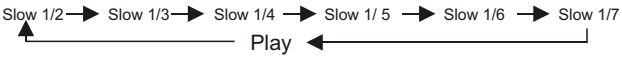
(3)The contents of Mp3, WMA, Mp4 and JPEG formats could be downloaded from the internet through PC and be saved in the USB disk or external memorizing card to play.

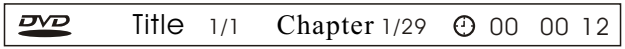
Caution:

- Do not pull off the external memorizer when the player is connected with power, otherwise the external memorizer or the player shall be damaged;
- All signal sources that comply with the player might be played through the external memorizer;
- Individual MP3 player couldn't play through USB device.

N. Functions of keys

KEY	Basic description
Power key	Open/close the power.
▲ Eject key	Open the disk door.
⏯ Play/Pause	In normal playing state, press the key to pause to play image/sound. Further press the key to resume to play normally.
◀◀ Fast backward ▶▶ Fast forward	Press Fast backward key, the image shall be played backward quickly, at the time, no sound shall be outputted, press the key successively, the player shall play the disk repeatedly as per the following method; Press Fast forward key, the image shall be played forward quickly, at the time, no sound shall be outputted, press the key successively, the player shall play the disk repeatedly as per the following method; Fast forward (backward) ▶ X2 ▶ X4 ▶ X8 ▶ X20 ▲ Play ◀
⏮ Previous ⏭ Next	Press the Previous key to select the previous track to play. Press the Next key to select the next track to play.
■↶ Stop/ Return	In playing VCD and CD disk, press "■↶" (Stop/Return) key to display pre-stop state, at the time, press Play key to resume to play; further press Stop key to stop playing and return to the boot interface state. In playing DVD or VCD2.0 disk, it plays the role of returning menu, and of stopping playing in playing menu. In playing game, press the key to return to the main menu of game. Note: MP4 and DVD hasn't the function of pre-stop.

KEY	Basic description
Slow	Play by the lower speed, press the key successively to make the player play repeatedly, press " ⏯ "(Play/Pause) key to resume to play normally. In playing DVD disk: 
Program	Setup of programming play: arrange the playing order of disk and then the player shall play the disks as per the arranged order. Note: the program key shall not be available unless PBC is closed, program is not allowed for MP3 disks; DVD disk should be programmed for its track time and VCD disks should be programmed for its track number. Finally, select Play key and the player shall play the disks automatically as per the arranged order, at the time, the number keys are not available, only the previous/next key could be used. If you want to cancel the programming function, press Program key to enter the menu interface and select Clear key and then press Enter key to confirm.
Repeat	Repeat play Repeatedly play the selected title/chapter (DVD) or track/album (VCD/CD disk). In playing DVD disk, press the key successively to select the title or chapter of DVD to play. For other types of disks, press Repeat key successively to select one track or the album to play repeatedly.
MENU PBC	In playing VCD2.0 or SVCD disk, the PBC menu function could be achieved by press PBC key, the disks could only be played in order if PBC is closed. In playing DVD disk, press the key to stop playing and return to the root menu of disk, press direction key or number key to select your desired contents and press Enter key to confirm, the player shall start to play as per the title or contents you setup. Note: PBC is not available in playing Mp3, CD or VCD 1.1 disks.

KEY	Basic description
Display	Press Display key for the first time, the LCD shall display: (DVD state) 1) Disk format, current title number and total title number; 2) The Current chapter and total title number; 3) The playing of current title.  Further press the key to display: Display the current language and the language number supported, channel type, subtitle display language and angle type. Press the key for the third time to display nothing. The display (OSD) in playing VCD disk is as follows: Display the disk format, current track and total track number, mute mode, PBC mode, and the track number of repeat mode, and the track playing time. The OSD of MP3 and CD disk is same with VCD except that VCD disk has PBC option.
Mute	Firstly press the Mute key, the player shall play the image without sound output, further press the key to cancel the mute function and resume to play normally.

KEY	Basic description
Zoom	Press Zoom key to zoom in the image. In playing, press Zoom key, the zoom mode shall be cycled as per the following order: ZOOM 2 → ZOOM 3 → ZOOM4 → ZOOM 1/2 → ZOOM 1/3 → ZOOM 1/4 → ZOOM OFF In Image Zoom state, press direction key" ◄ ► " to move the image.
GOTO	GOTO: start to play from the selected time. Press GOTO key on the remote controller and a time selection dialog box shall be skipped out, move the cursor to the time number and input the time you want to select and then the player shall start to play from the selected time. DVD TITLE 1/1 CHAPTER 1/29 00 00 12 Note: the setup of VCD disk is same with DVD disk, the input time couldn't exceed the longest time of the disk.
AUDIO	DVD disk supports eight languages at most, repeatedly press Language key to select the different language to play. If the disk hasn't the language menu, the user may also change the language by menu. Note: language function is only used for these DVD and super VCD disks that have multiple languages for selection.
Subtitle	Open/close the subtitle, select the subtitle on DVD disk and it's displayed on the TV screen, which is related to the format of disk. Subtitle is available only in the condition of the disk having subtitle function, the subtitle function is achieved by the Subtitle key on the remote controller, press the key successively to select different subtitles.
Title	Press Title key to stop playing and return to the title menu of disk, press direction key to select your desired title and press Enter key to confirm to enter the chapter menu.

KEY	Basic description
Vol+ Vol-	Volume adjustment key Adjust the volume by the Vol+ and Vol- key on the remote controller
Setup	Press the key to enter the setup menu to set up system, language, audio, video, loudspeaker and dolby digit, in setup menu, press the key to exit the menu interface.
Direction key	Up/Down/Left/Right key Press the keys to select the disk content to be played and item to be set up as well as to select the image part to be zoomed.
ANGLE	Change the angle, DVD disk may record multiple scenes that are recorded from different angle, in playing, the user may select any one angle to watch. 1. Press Angle on remote controller to select angle 1 and the top right corner of the TV shall display: 2. Further press Angle on remote controller to select angle 2 and the top right corner of the TV shall display:
Channel	In playing VCD or individual MP4 disk, press Channel key to change the channel mode: Changing the channel mode might eliminate the original singer's sound of OK disk and convert the dialogue language of some disks. Stereo → Left Channel → Right Channel Note: Channel function is not available for MP3, CD, WMA, JPG and individual MP4 disk.

KEY	Basic description
1~10/0	Press any number key to select the track or chapter to be played and set up the playing time. The player features number key direct–selection function, press the your desired number to select.For example: select the 386th track, first press number "3", and then press number "8", finally press number "6", the player shall play the 386th track. Note: number key direct–selection function is available for Mp3, Mp4 and DVD disks only.
10+	For the track number bigger than 10, press the key first, the LCD will display 10+ and then press other number key to select, press the key in turn to achieve multiple modes
DVD/AV	Video/AV switching key. Press the key, the player shall switch DVD state into AV–IN state, the video signal inputted by the video terminal shall be displayed on the TV screen. If there is no signal inputted, it shall be blue screen. Further press DVD/AV key to switch AV–IN state into DVD state.
MENU	This key is the selecting key of TFT LCD function. Press the key successively to switch the func–tions of brightness, contrast, color, definition and hue, and then press "－" and "＋" key to adjust. After adjusting the parameters, press MENU key to return and the set parameters shall be saved.
－／＋	Press the two keys directly to adjust the volume and use the keys together with MENU key to adjust the brightness, contrast, color, definition and other modes.
	FM key, press the key to close the audio of the player and open the FM function. The LCD will display the corresponding frequency (the player provides multiple frequency points for selec–tion). Press the key repeatedly to switch among the frequency points. If you don't want the FM function, please switch it to OFF state, at the time, the LCD will display FM OFF, and the DVD loudspeaker shall output audio signal. Note: in FM state, there is no sound output for loudspeaker.

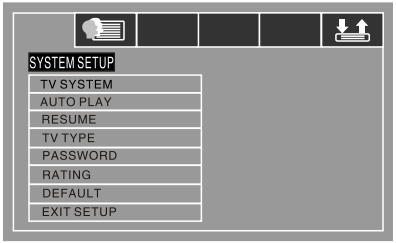
O. Menu operation

Press Setup key and the LCD will display the picture as figure 1, press[◀]and [▶] key to move the white bar to the designated position, press Enter to confirm to display its submenu, or press [▶] key to enter its submenu directly.

Note: no matter in which state, press "▲"/"▼"/"◀"and "▶" key to move the white bar and press Enter key to make it available, press [◀] key to exit the submenu at the right of LCD and at any time press Setup key to exit the system.

Special Tips: for the company has many counterpart products, the figure is for reference only, all is subject the real product! The setup methods described in this instruction are for their common parts, other functions are recommended to use the default setup.

Figure 1



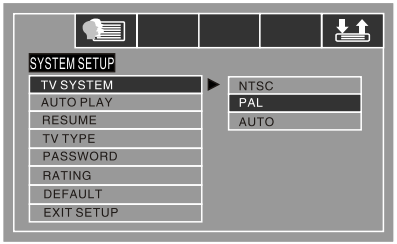
1. TV system (see figure 2)

(1) Press Setup key and the TV screen will display the system setup picture, select TV system and press Enter key to confirm, then the TV screen will display the picture as figure 2.

(2) Enter the submenu at the right of screen. If you want to set the system to be PAL, first move the white bar on PAL column and then press Enter key to confirm, press Setup key to exit the system setup.

Note: the system of TV set should be same with the system of DVD player.

Figure 2



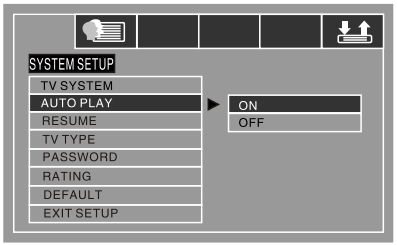
2. Auto Play (see figure 3)

(1) Press Setup key and the TV screen will display the Auto Play picture, select Auto Play and press Enter key to co–nfirm, then the TV screen will display the picture as figure 3.

(2) Enter the submenu at the right of screen. If you want to open the Auto Play function, first move the white bar on ON column and then press Enter key to confirm, press Setup key to exit the system setup.

Note: in playing these DVD disks including many stories, the player shall be played automatically by default, the user may press Stop/Return key on the remote controller to select the story or chapter to be played. If the function is set to be closed, the play menu shall be provided for se–lection before playing.

Figure 3



3、Resume (see figure 4)

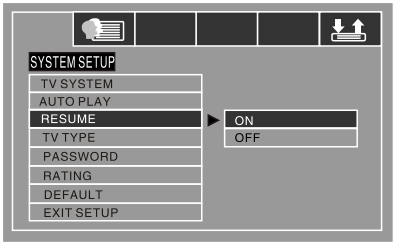
(1) Press Setup key and the TV screen will display the system setup picture, select Resume option and press Enter key to confirm, then the TV screen will display the picture as figure 4.

(2)Enter the submenu at the right of screen. If you want to open the Resume function, first move the white bar on ON column and then press Enter key to confirm, press Setup key to exit the system setup.

Note: the player features resume function in power cut, when the player is restarted, it will play the disk from the last play–ing time.

Note: this function is not available for MP4 disks.

Figure 4



4. Aspect Ratio (see figure 5)

(1) 4：3PS (panoramic scanning): applicable for general TV set, when playing wide screen image, the image shall be played on the whole screen and the left and right edges shall be cut off.

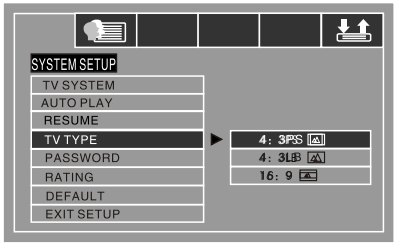
(2) 4：3LB (mailbox): for these TV sets with general sizes, please select this option. In playing wide screen image, the top and bottom of the screen shall have black frame.

(3) 16：9 (wide screen): when the player is connected to the wide screen TV set, please select this option. If the option is selected but it's not connected to the wide screen TV set, the image might be distorted for the vertical compression.

Caution:

- The aspect ratio is related to the disk recording format,so–me disks might be not played in the aspect ratio you select;
- If 4: 3 disk is played on wide screen TV set, the left and ri–ght sides of the screen shall have black bars;
- Before playing, please select the suitable aspect ratio ac–cording to the actual TV set.

Figure 5

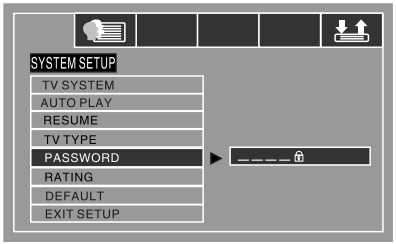


5. Password and Grade (see figure 6 and 7)

In playing these disks with lock function, the setup method for limiting the grade is described as follows:

(1) Input the initial password (0000, the effective password comprises of four numbers) (see figure 6) after pressing Password option to enter, press Enter key to unlock the function and then exit the option.

Figure 6



(2) Select your desired grade option after pressing Grade key to enter, and then press Enter key to confirm and exit the option (see figure 7).
(3) Further select Password option and then input the initial password (0000, the effective password comprises of four numbers) (see figure 7) after pressing Password option to enter, press Enter key to lock the function and then exit the option.

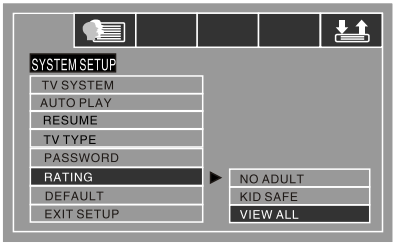
The option is applied to these DVD disks that the children lock grade is designated, the user may use this function to control the player to watch the disk type.

- Children lock limit has two grades: Non Grade A Disk and For Children;
- Select No Limit to cancel the lock function;
- The default is No Limit.

Caution:

- If the password is locked, the children lock setup shall not be changed.

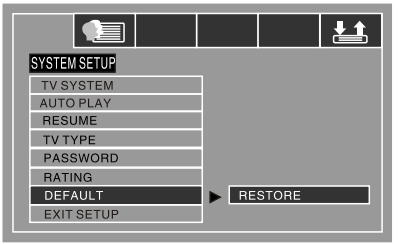
Figure 7



6. Default Value (see figure 8)

If the user doesn't want to save the setup set by himself for the functions, please select Reset option and the DVD player shall reset to the ex–factory parameters.

Figure 8



7. TV function operation instruction:

(1.) Press DVD/AV key of the panel or remote controller, the player will switch TV state, then can operate the TV function.

(2.) Press MENU key on panel or remote controller two times continue, the player will display the following menu:

(3.) Select system of the menu by direction key up/down, then can select TV system by direction key left/right.

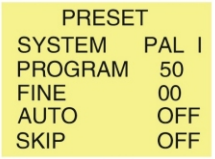
(4.) The program key of the menu mean the playing channel, you can select the channel by direction key up/down.

(5.) Select fine on menu by direction key up/down, then press direction left and right. You can make a little adjustment to the present channel to arrive the best effect.

(6.) Select auto on menu, then press direction key right. The player can select the channel auto and save auto.

(7.)If the skip on menu is on, it can lock the present channel, it will skip the present channel when select the channel up and down, you can skip the channel you don't like or the signal is not good by this key, it will skip the present channel when select the channel up and down directly.

(8.)You can select the channel by direction key or by number key. If you need select the number is more than 10,please press this key first, then press other number key to select.



✳ This function only fit for with TV funtion model

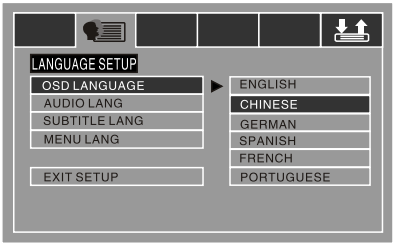
Language Setup

1. Image Display Language (see figure 9)

(1) Press Setup key and the TV screen will display the system setup picture, select Language Setup and then select Image Display Language option, press Enter key to confirm, the TV screen shall display the image as figure 9.

(2) Select your desired language option, multiple languages are available for selection including: English, Chinese, German, Spanish, French and Portuguese. Select Enter key to confirm and then press Setup key to exit the menu setup.

Figure 9

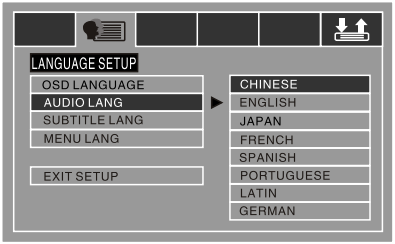


2. Audio language, subtitle language and menu language (see figure 10)

(1) Press Setup key and the TV screen will display the system setup image, select Language Setup and then select your desired language option, press Enter key to confirm, the TV screen shall display the image as figure 10.

(2) Select your desired audio, subtitle or menu language option, the available languages include English, Chinese, German, Spanish, French, Portuguese, Japanese and Latin. Press Enter key to confirm and then press Setup key to exit menu setup.

Figure 10



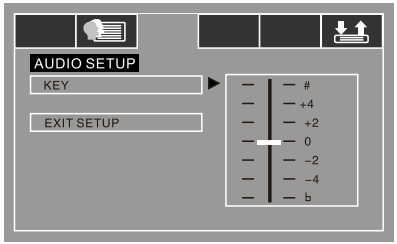
Audio Setup

1. Tone (see figure 11)

(1) Press Setup key and the TV screen will display the system setup image, select Audio Setup option and then select Tone option, press Enter key to confirm and the TV screen shall display the image as figure 11.

(2) If the user wants to adjust the tone, press [▲] and [▼] key to adjust and then press Enter key to confirm, press Setup key to exit the system setup.

Figure 11



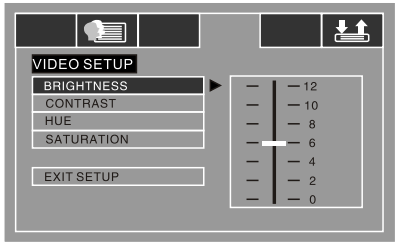
Video Setup

(1) Press Setup key and the TV screen will display the system setup image, select Video Setup option and then select Brightness option, press Enter key to confirm, and the TV screen shall display the image as figure 12

(2) If the user wants to set up the image brightness, press [▲] key to increase the brightness and press [▼] key to decrease the brightness, and then press Enter key to confirm, press Setup key to exit the system setup.

Note: the setup methods of contrast, hue and saturation are same with the setup of Video.

Figure 12

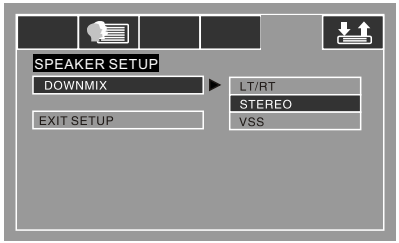


SPEAKER SETUPSetup

1. Mix Mode (see figure 13)
   (1) Press Setup key and the TV screen will display the system setup image, select Loudspeaker Setup option and then select Mix mode, press Enter key to confirm and the TV set shall display the image as figure 13.
   (2) If the user wants to set up the stereo, move the white bar on Stereo column and then press Enter key to confirm, press Setup key to exit the system setup.

Note:
LT/RT: if the disk has the PROLOGIC dolby stereo effect, the disk signal could present living cinema effect by decoded inside the player.
Stereo: for 5.1 channel output, the audio shall output two roads of signal (left channel and right channel); the common stereo signal shall be outputted.
Virtual surround: in playing 5.1 channel recorded disks, the main channel shall output the virtual surround effect.

Figure 13

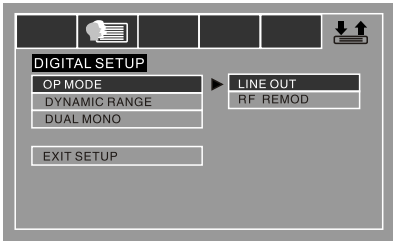


DIGITAL SETUP

1. Output Mode (see figure 14)
   (1) Press Setup key and the TV screen will display the system setup image, select Dolby Digit Setup option and then se–lect Output mode, press Enter key to confirm and the TV set shall display the image as figure 14.
   (2) If the user wants to play the music by low sound volume at night, please select Line Output and then press Enter key to confirm, press Setup key to exit the system setup.

Line Output: linear compress the output signal, low sound volume, suitable for enjoying music at night;
RF adjustment: high volume, suitable for enjoying music in daytime.

Figure 14



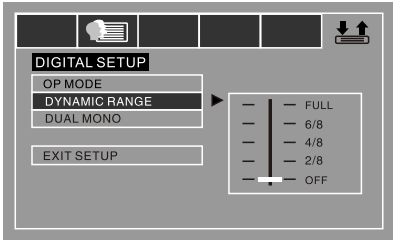
Dolby digit output setup is for these players with dolby functions only

2. Dynamic Range (see figure 15)

When the compression mode is line output, select this option to adjust the linear compression ratio to achieve different sig–nal compression effect.

FULL: Minimum peak value for audio signal;
OFF: Maximum peak value for audio signal.

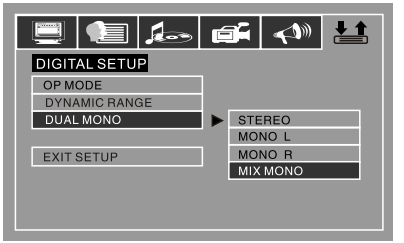
Figure 15



3. Left + Right (see figure 16)

This setup is for OK mode of AC–3 only, including Stereo, Left Channel, Right Channel and Mix Channel.

Figure 16

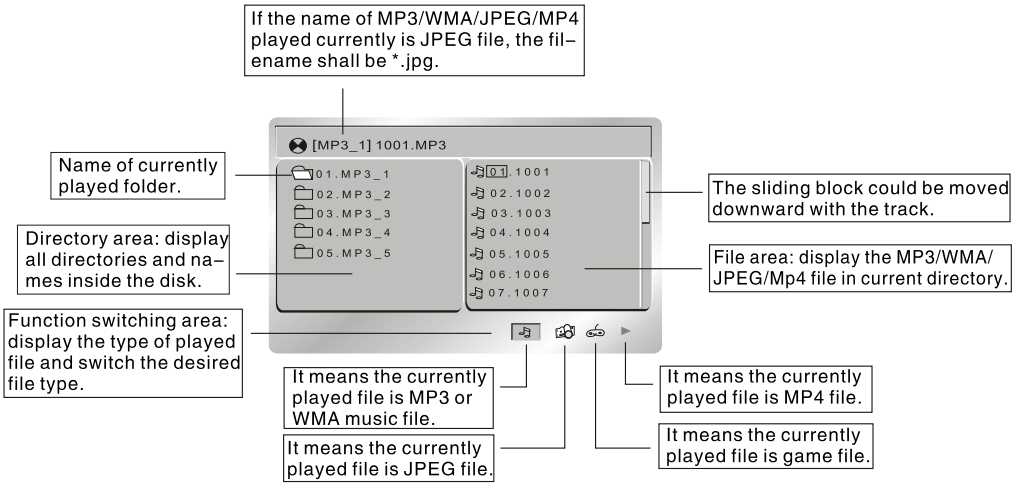


Note: all setup option could exit the menu by pressing Exit Setup Menu. The system setup menu shall be a little different from the actual operation due to the software update; it shall be subject to the real product!

P.Description for playing MP4/MP3/WMA/JPEG disks

After loading the MP4/MP3/WMA/JPEG disks, the player shall search the directories automatically, after being searched, it will enter the directory of MP3 (for these disks of mix file placement), if it's the single file type of disk, it will enter the first directory and play the first track in this directory automatically (the cursor is stopped on the position of "01: ").

The screen will display as follows:


If the name of MP3/WMA/JPEG/MP4 played currently is JPEG file, the fil–ename shall be *.jpg.
[MP3_1] 1001.MP3
Name of currently played folder.
01.MP3_1
02.MP3_2
03.MP3_3
04.MP3_4
05.MP3_5
01.1001
02.1002
03.1003
04.1004
05.1005
06.1006
07.1007
The sliding block could be moved downward with the track.
Directory area: display all directories and na–mes inside the disk.
File area: display the MP3/WMA/ JPEG/Mp4 file in current directory.
Function switching area: display the type of played file and switch the desired file type.
It means the currently played file is MP3 or WMA music file.
It means the currently played file is JPEG file.
It means the currently played file is MP4 file.
It means the currently played file is game file.

Electronic Album

The player features strong electronic album function, the user may record his/her photos in the video disk or external memorizer and browse the photos through the player, what's more, the user may zoom in or out the photo and turn it upward/downward/leftward/rightward, it's unnecessary to worry about the damage or loss of photos.

Playing JPEG Disks

1. Load JPEG disk, it shall stop on the first picture of the first directory after being searched;
2. Use the up/down key to select the picture file, press Play key or confirm to start to play from the selected file;
3. In playing pausing to play picture, you may press the direction key (up/down/left/right) to switch the display angle.

[▲] UP: turn the picture upward
[▼] DOWN: turn the picture horizontally
[◀] LEFT: rotate 90 degree leftward
[▶] RIGHT: rotate 90 degree rightward

Playing MP3 & JPEG Disks

1. In playing MP3 and JPEG mixing disk, if the user wants to browse the pictures in playing MP3, press direction key to move the cursor on the picture to be browsed, press Enter key to enter JPEG browse state.
2. Further press direction key to enter the picture play menu, after selecting one picture in the image directory menu, press Play key to play the pictures in order.
3. Press Left/Right key to switch the state between MP3 and image browse.

Caution:

- MP3 disk without image has audio signal output only;
- Some JPEG pictures couldn't be zoomed in for the inconsistent picture format.

MPEG4 Decoding Technology

MPEG4 is the widely–applied video image saving and transporting standard. the DVD is designed with MPEG4 file playing function skillfully, the user may not only enjoy the rich video/audio resource on the internet but also breach the limit of watching film on computer only. The user may use PC to download, record or transcribe and produce the MPEG4 disks, the better picture and sound quality could be achieved.

MPEG4 is the fourth version of audio/video standard by Moving Pictures Experts Group. MPEG1 is the video image compression standard of VCD; MPEG2 is the video image compression standard of DVD or super V; MPEG4 is one of the network video image compression standards, the video/audio file with MPEG4 technology features high compression rate and clear image. Generally, hundred or more OK songs or many films might be saved in one disk with better image quality than VCD or SVCD!

Note: in the current market, some disks marked with MPEG4 is Real Video actually or other formats (such as *.rm/ *.ra/*.ram/*.rmvb/*.wmv/*.ast), which couldn't be compatible with the international standard MPEG4, they could be played by special software only and couldn't be played by this player. Do identify it in buying disks.

Description for Playing MP4 Disks

The operation of MP3 disk is same with playing MP4 disk, MP4 disk has video image and auto play is the default setup for this player, press Stop/Return key to return to the menu to facilitate the user to select the menu.

Q. Operation for Game Function

The player features superior intelligent game function, it will make you enjoy the wonderful game fluently in spare time.

Operation for game function

1. Description for game operation
   (1) Press Eject key and load the attached game disk, the main menu shall be displayed on the LCD in seconds, it means the system has been entered the game selection state. Note: individual game disk might not be played on this player for the inconsistent format.
   (2) Press Next/Previous key to turn the game directory.
   (3) Press Number key to select the game to be played, seconds later, the game shall be downloaded, and then you may enjoy the game according to the game introduction.
2. Game Handle:
   (1) Press MODE key on the handle to select the game mode, press the key to select Single or Double mode according to the game content.
   (2) Press Start key on handle to start to play or pause to play the game.
   (3) Press the direction key on handle to select upward/downward/leftward/rightward, press A, B, C and D key to operate the functions.
   (4) The sockets of GAME1 and GAME2 are provided at the side of the device, which indicate the sockets of main handle and assistant handle.

Caution:

- In playing the game, press Stop/Return key or press MODE and START key at the same time to return to the main directory menu.
- For different games, the functions keys might be different, the user could get the know–how by trying several times.

Special Tips: the operation is applied for the player with game function only.

R. Troubleshooting

Troubles	Solutions
No response	1. Check the power connection; 2. Check the auto power is opened; 3. Check the power is opened.
No sound	1.Check whether the volume is on the Min. position or in Mute state; 2.Whether it's in FM state? Switch it to be FM OFF state by pressing the FM key on remote controller or panel; 3.No sound output in the following states: Pause/Fast Forward/Fast Backward/ Stop.
Image	1.Check whether the player is in line input state, press DVD/AV to switch it to be DVD state; 2.Check whether the brightness setup is appropriate.
The disk couldn't be read	1. Check whether the disk has been loaded and the side with label is placed upward; 2. The disk is damaged or dirtied, please load another disk or clean the disk; 3. The region codes of disk and player are different; 4. The disk format is wrong.
Improper image size	1. Set up the TV system once again; 2. Select the corresponding screen format from the setup menu.
The track couldn't be selected	1. Some sections of some disks are not allowed to interrupt its set playing order.
The remote continueroller refuses to work	1. Check whether there exists any barrier between the remote controller and player; 2. The remote controller doesn't aim at the receiving head of player; 3. Check whether the battery is installed correctly; 4. Check whether the battery has enough electricity.

Do not dismantle the device to repair without permission!

S. Technical specifications and parameters

Product Name	AUTOMOBILE NEADREST DVD PLAYER
Disk type (signal source)	MP4/MP3/ DVD/SVCD/VCD/DVCD/CD/CDG/WMA/JPEG CD-R/CD-RW (these two types of disk should be played by the above coding formats)
Display	7-inch color LCD (16: 9)
Output Port	Audio: stereo Video: complex video signal output (AV) Game port(for spare) USB port (for spare) MS/MMC/SD CARD PORT (for spare)
Video System	PAL/NTSC/Auto
Video Characteristics	Video Characteristics: 1.0Vp-p (75ohm)
Audio Characteristics	Frequency characteristics: 20-20KHZ (1dB) SNR: >90dB Total harmonic distortion: <0.01%
Power Voltage	DC 12V/1.5A
Power Consumption	About 12W
Working Temperature	-40 ℃ ~ +60 ℃
Working Humidity	15~75% (No water drop is coagulated)
Net Weight	Approx. 1.7KG
Dimensions	(L)200mm X (W)270mm X (d)120mm